**Judging Criteria (MPI) – Open Category**

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| **No.** | **Item** | **Notes** |
| 1 | **Novelty and Inventiveness** | * Novelty of product (How novel is the idea or concept. Is the product unique?).
* Inventiveness (Is the product innovative or a modification of a similar existing product? Would it likely lead to a new product, system, design, material or process?).
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| 2 | **Usefulness** | * Relevance of the invention in solving the problem (s).
* Does the research product solve any problem?
* Contribution of the invention to health, safety, education, environment, social impact, policy, human development, etc.
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| 3 | **Commercial Potentialities & Readiness** | * Market potential of the invention (is there any evidence of market need? Is the product /invention comparable or superior to similar products in the market?).
* Status of the invention (Is there any working models or prototype on display? Is the prototype close to the final product? Aspects of further development/future planning?).
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| 4 | **Environmental Friendliness** | * RoHS (Restriction of Hazardous Substances) compliant, recyclable, reusable, renewable, etc.
* How could the product helps to secure a clean environment.
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| 5 | **Social Impact & Human Development** | * Does it makes a impact? Does the research described how outcomes have changed (or will) for their target population as a result of their research?
* Human Capital Development.
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| 6 | **Academic Recognition or IPR** | * Academic recognitions (Publishing scientific paper, Human capital development, Establishing networking and etc.).
* Intellectual Property Rights (IPR).
* Acceptance used by industry.
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| 7 | **Presentation and Demonstration** | * Inventor's knowledge of the invention and related state of the art technology.
* Display of the invention (Is the invention well presented? Are there adequate figure and diagram etc. to explain the working principles of the product).
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